1 3 4 6 2 8	307 0 0 17 17	"ion source" and baffle "ion source" and anode and cathode and "can't be reached by straight lines" "ion source" and anode and cathode and "cannot be reached by straight lines" "Hall-current ion source" "Hall-current ion source"	USPAT; US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB;	2004/02/10 10:46 2004/02/10 10:46 2004/02/10 10:46 2004/02/10 10:46
4 6 2 8	0 17 17	by straight lines" "ion source" and anode and cathode and "cannot be reached by straight lines" "Hall-current ion source"	DERWENT USPAT; US-PGPUB; DERWENT US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; US-PGPUB;	2004/02/10 10:46 2004/02/10 10:46
4 6 2 8	0 17 17	by straight lines" "ion source" and anode and cathode and "cannot be reached by straight lines" "Hall-current ion source"	USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	2004/02/10 10:46 2004/02/10 10:46
4 6 2 8	0 17 17	by straight lines" "ion source" and anode and cathode and "cannot be reached by straight lines" "Hall-current ion source"	US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	2004/02/10 10:46 2004/02/10 10:46
8	17 ·	"ion source" and anode and cathode and "cannot be reached by straight lines" "Hall-current ion source"	DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	2004/02/10 10:46
8	17 ·	by straight lines" "Hall-current ion source"	USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	2004/02/10 10:46
8	17 ·	by straight lines" "Hall-current ion source"	US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	2004/02/10 10:46
2	17	"Hall-current ion source"	DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	
2	17		USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB;	
2	17		US-PGPUB; DERWENT USPAT; US-PGPUB;	
8		"Hall-current ion source"	DERWENT USPAT; US-PGPUB;	2004/02/10 10:46
8		"Hall-current ion source"	USPAT; US-PGPUB;	2004/02/10 10:46
8		"Hall-current ion source"	US-PGPUB;	2004/02/10 10:46
	161	,		
	161	•	DEDIACENT	
	161		DERWENT	0004/00/40 40:46
-		"current ion source"	USPAT;	2004/02/10 10:46
_			US-PGPUB;	
	_	III	DERWENT	2004/02/40 40:46
5	7	"ion source" and baffle and anode and cathode and	USPAT;	2004/02/10 10:46
		"discharge region"	US-PGPUB;	
_	000	"blall ourront"	DERWENT USPAT;	 2004/02/10 10:47
7	260	"Hall current"		2004/02/10 10.47
			US-PGPUB; DERWENT	
	115	(harold near kaufman).in. or (james near kahn).in. or	USPAT;	2004/02/10 10:47
14	115		US-PGPUB;	2004/02/10 10:4/
		(raymond near robinson).in. or(viacheslav near zhurin).in.	DERWENT	
,	102	"ion source" and anode and cathode and "straight lines"	USPAT;	2004/02/10 10:47
9	102	for source and another and cambue and straight lines	US-PGPUB;	2004/02/10 10.4/
			DERWENT	
16	5	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:47
16	3	118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	200 1702710 10:11
		and cathode and "discharge region" and baffle	DERWENT	
10	123	Hall with ion with source	USPAT;	2004/02/10 10:47
'0	120		US-PGPUB;	
			EPO; JPO;	
l			DERWENT	
18	0	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:47
		118/723+ ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
		and cathode and baffle and protusion	DERWENT	
11	7	"ion source" and anode and cathode and aperature and	USPAT;	2004/02/10 10:47
		discharge	US-PGPUB;	
			DERWENT	
12	87	"ion source" and anode and cathode and contour	USPAT;	2004/02/10 10:47
			US-PGPUB;	
			DERWENT	
13	11_	"ion source" and anode and cathode and "straight lines" and	USPAT;	2004/02/10 10:48
		"discharge region"	US-PGPUB; -	0 -
			DERWENT	00041001404040
15	61	"ion source" and anode and cathode and contour and	USPAT;	2004/02/10 10:48
		discharge	US-PGPUB;	
			DERWENT	0004/00/40 40:40
17	43	"current ion source" and anode and cathode and discharge	USPAT;	2004/02/10 10:48
			US-PGPUB;	
.	_	(I I I	DERWENT	2004/00/40 40:40
19	2	(harold near kaufman).in. and (james near kahn).in. and	USPAT;	2004/02/10 10:48
		(raymond near robinson).in. and (viacheslav near zhurin).in.	US-PGPUB;	
		(040/004 04 004 44 004 04 024 74 004 4 000 4 050 4 555	DERWENT	2004/02/40 40:40
20	26	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
		118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
	40070	and cathode and "discharge region"	DERWENT	2004/02/10 10:45
30	18372	"ion source"	USPAT; US-PGPUB;	2004/02/10 10:48
			DERWENT	

21	5	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
		118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
		and cathode and baffle and contour	DERWENT	
31	1980	"ion source" and anode and cathode	USPAT;	2004/02/10 10:48
			US-PGPUB;	
			DERWENT	
22	4	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
		118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
		and cathode and "end-Hall" and contour	DERWENT	
32	1502	"ion source" and anode and cathode and gas	USPAT;	2004/02/10 10:48
		· ·	US-PGPUB;	
			DERWENT	
23	3	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
	_	118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
		and cathode and baffle and "end-hall"	DERWENT	
24	28	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
- '		118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	
		and cathode and baffle	DERWENT	
34	992	"ion source" and anode and cathode and gas and discharge	USPAT;	2004/02/10 10:48
	002		US-PGPUB;	
			DERWENT	
25	15	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or	USPAT;	2004/02/10 10:48
25	13	118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	200 1702710 10:10
		and cathode and "end-Hall"	DERWENT	
35	893	"ion source" and anode and cathode and gas and discharge	USPAT;	2004/02/10 10:48
33	093	and field	US-PGPUB:	2004/02/10 10.40
		and held	DERWENT	
26	6	(("5359258") or ("4862032") or ("5973447")).PN.	USPAT;	2004/02/10 10:48
20	0	((5559256) OI (4602052) OI (5975447)).FIV.	US-PGPUB;	2004/02/10 10.40
			DERWENT	
36	608	"ion source" and anode and cathode and gas and discharge	USPAT;	2004/02/10 10:48
30	606	and field and magnetic	US-PGPUB;	2004/02/10 10.40
		and held and magnetic	DERWENT	
07	218	/242/024 04 024 44 024 04 024 71 261 1 260 1 250 1 colo or	USPAT;	2004/02/10 10:48
27	210	(313/231.01,231.11,231.21,231.71,361.1,362.1,359.1.ccls. or 118/723+.ccls. or 315/111.81) and "ion source" and anode	US-PGPUB;	2004/02/10 10.46
		and cathode and discharge	DERWENT	
20	44	and callidge and discharge 313/231.01,231.11,231.21,231.71,361.1,362.1,359.1,111.91,11		.120014/.02/10 10:48
28	11	and "ion source" and anode and cathode and "discharge	US-PGPUB;	. EUUH8.02/10 10.40
		region"	DERWENT	
	307	"ion source" and baffle	USPAT:	2004/02/10 10:48
29	307	ion source and dame	US-PGPUB;	2004/02/10 10.46
			DERWENT	
140	95	Hall with aurrent with ion	USPAT;	2004/02/10 10:49
40	95	Hall with current with ion		2004/02/10 10:49
			US-PGPUB;	
}			EPO; JPO; DERWENT	
1 22	20	"ion source" and anode and cathode and gas and baffle and	USPAT;	2004/02/10 10:49
33	38			2004/02/10 10:49
		discharge and field with magnetic	US-PGPUB;	
07	550	lies assured and anada and asthada and goo and discharge	DERWENT	2004/02/10 10:49
37	559	"ion source" and anode and cathode and gas and discharge	USPAT; US-PGPUB;	2004/02/10 10.49
		and field with magnetic	· ·	
		11-11 Ale annual and the family of the annual	DERWENT	2004/02/40 40:40
38	55	Hall with current with ion with source	USPAT;	2004/02/10 10:49
			US-PGPUB;	
			EPO; JPO;	
	100	040/004 04 004 44 004 04 004 74 004 4 000 4 050 4 444 04 1	DERWENT	DARK/00/40 40:40
39	102	313/231.01,231.11,231.21,231.71,361.1,362.1,359.1,111.91,1		.126616/.02/10 10:49
		and "ion source" and anode and cathode	US-PGPUB;	
	_	(11570000011)	DERWENT	00004040400
-	2	("5763989").PN.	USPAT;	2003/10/03 09:51
			US-PGPUB;	
	,	(10.4500.441) 7.1	DERWENT	0000440444
-	1	("6456011").PN.	USPAT;	2002/11/01 14:20
			US-PGPUB;	
l l			DERWENT	

_	2	("4862032").PN.	USPAT;	2002/11/04 08:34
	_	() , , , , , , ,	US-PGPUB;	
			DERWENT	
	2	("4481062").PN.	USPAT;	2002/11/04 08:39
	_	(1101002) 11	US-PGPUB;	
			DERWENT	
-	2	("4862032").PN.	USPAT;	2002/11/04 09:46
	_	(US-PGPUB;	
			DERWENT	
_	2	("5973447").PN.	USPAT;	2002/11/04 09:46
	_	(US-PGPUB;	
			DERWENT	
_	45	(harold near kaufman).in.	USPAT;	2003/06/09 10:58
		(1.2.0.2.1.2.1.1.7.1.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1.1.7.1	US-PGPUB;	
			DERWENT	
_	59	(harold near kaufman).in. or (james near kahn).in. or	USPAT;	2003/06/09 10:58
		(raymond near robinson).in. or(viacheslav near zhurin).in.	US-PGPUB;	
		and "ion source"	DERWENT	
_	1	"4862032".PN.	USPAT;	2003/06/09 13:21
			US-PGPUB	
_	1	"5359258".PN.	USPAT;	2003/06/09 13:21
			US-PGPUB	
_	1	"5763989".PN.	USPAT;	2003/06/09 13:22
			US-PGPUB	ĺ
_	1	"6150764".PN.	USPAT;	2003/06/09 13:22
			US-PGPUB	
-	1	"4103042".PN.	USPAT;	2003/06/09 14:33
			US-PGPUB	
_	1	"5346600".PN.	USPAT;	2003/06/09 14:34
			US-PGPUB	
-	1	"5840167".PN.	USPAT;	2003/06/09 14:34
			US-PGPUB	
-	2	("5763989").PN.	USPAT;	2003/06/13 12:53
			US-PGPUB;	
			DERWENT	
-	2	("5763989").PN.	USPAT;	2003/10/03 09:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	1